

# Converting Colors

Hex(9B857A)

Have a look what the booklet for  
Hex(9B857A) contains.

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**Color**

**Hex(9B857A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B857A
RGB	155, 133, 122
RGB Percent	61%, 52%, 48%
CMY	0.3922, 0.4784, 0.5216
CMYK	0.00, 0.14, 0.21, 0.39
HSL	20°, 14%, 54%
HSV	20°, 21%, 61%
XYZ	25.4179, 25.1488, 21.9269
YIQ	138.3240, 16.6430, 1.2430

# Conversions

## Conversions Part 2

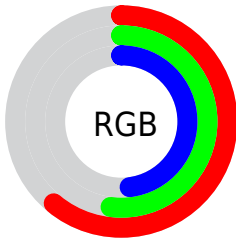
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 139, 122
Decimal	10192250
CIELab	57.22, 6.53, 9.01
CIElCh	57, 11.130, 54.071
Yxy	25.1488, 0.3506, 0.3469
Android (android.graphics.Color)	4288382330 (0xFF9B857A)
YUV	138.3240, -8.0477, 14.6249
Hunter-Lab	50.1485, 2.7134, 9.1801

# Details

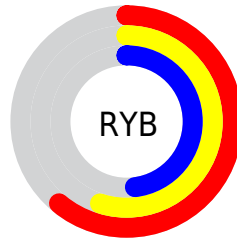
The Hex color **9B857A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7A909B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **D2BAAE**, and **675449** is the 20% darker color. If you saturate the color by 10%, you get **9B7B6B**, and if you desaturate by 10%, it is **9B8F8A**.

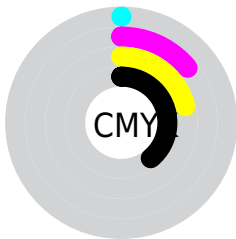
# Distribution



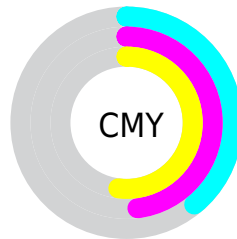
- Red (61%)
- Green (52%)
- Blue (48%)



- Red (61%)
- Yellow (55%)
- Blue (48%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B857A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9B857A by changing the saturation by 10% instead.





9B857A



9B857A

FFFFFF



816C61



D2BAAE



675449



EED6CA



4F3C33



FFF2E6



38271E



221205



000000



9B857A



9B857A



9B7B6B



9B8F8A



9B705B



9B9A99

 9B664C

 9BA4A9

 9B5C3C

 9BAEB8

 9B512D

 9BB9C8

 9B471D

 9BC3D7

 9B3D0E

 9BCDE7

 9B3400

 9BD8F6

 9BE2FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9E8382



9B857A



938876

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9B857A



758F87



89889B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9B857A



7A909B

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7D8B9C



9B857A



718F91

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9B857A



7E8E7E



738D99



948595

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9B857A



8C8A77



738D99



85899C



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9B857A



C9C1BD



9B7A90



66615F



E6E6E6



666666



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9B857A



C9A795



9B967A



4D4745



8C2F00



0D0400



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7A909B



95B8C9



7A809B



454A4D



005E8C



00080D



# Previews

## White Background



This preview shows how the Hex color 9B857A looks on a white background.

## Color Contrast Check

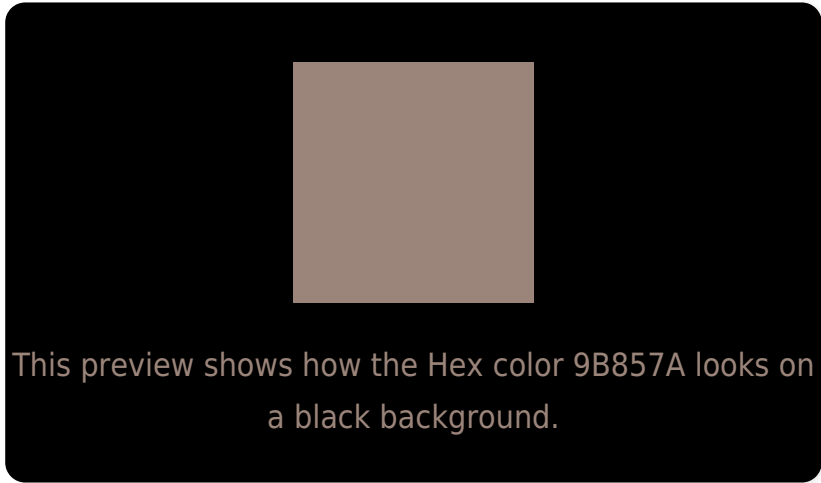
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

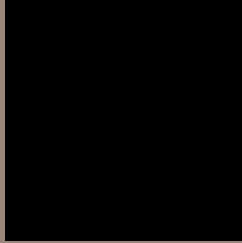
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9B857A Background



This preview shows how black text looks on a background with the Hex color 9B857A.



This preview shows how white text looks on a background with the Hex color 9B857A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
9B857A

**Protanopia**  
8F897C

**Deuteranopia**  
9C847A



**Tritanopia**  
9D828C

# Trichromacy



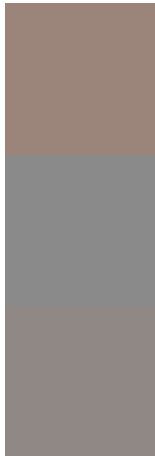
**Original Color**  
9B857A

**Protanomaly**  
93887B

**Deuteranomaly**  
9C847A

**Tritanomaly**  
9C8385

# Monochromacy



**Original Color**  
9B857A

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
908884

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B857A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9B857A looks like.

```
.text, #text, p{  
    color:#9B857A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9B857A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B857A
}
```

## Border

The CSS property to change the border of an element to Hex 9B857A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B857A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9B857A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9B857A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B857A; -webkit-box-shadow:4px 4px  
4px 4px #9B857A; box-shadow:4px 4px 4px  
4px #9B857A }
```

# Background

The CSS property to change the background color of an element to Hex 9B857A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B857A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9B857A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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